

CLAIMS

I CLAIM:

1. A sink basket and plug assembly comprising:

- 5 (i) a basket portion, said basket portion including a well having at least one fluid passageway extending therethrough; and,
- (ii) a plug portion at least partially receivable within said well, said plug portion having an open and a closed position, when in said closed position said plug portion restricting the passage of fluids through said fluid passageway in said well, when in said open position said plug portion permitting the flow of fluid through said fluid passageway in said well,

at least one of said basket portion and said plug portion including an indexing member and the other of said basket portion and said plug portion including an indexing receiver, said indexing member releasably receivable within said indexing receiver, when said indexing member received within said indexing receiver said plug portion retained in said open position, movement of said plug portion from said open position to said closed position requiring the application of a lifting force to said plug portion to dislodge said indexing member from said indexing receiver.

2. The device as claimed in claim 1 wherein said basket portion includes a laterally extending flange positioned thereabout, said flange sealingly engaging the surface of a sink when said basket portion is received within the drain of said sink.

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3. The device as claimed in claim 2 wherein said flange includes a downwardly disposed sealing member that engages the surface of said sink and assists in preventing the flow of fluid between said flange and the surface of said sink.

- 10 4. The device as claimed in claim 1 wherein said plug portion includes at least one fluid passageway extending therethrough.

- 15 5. The device as claimed in claim 1 wherein said plug portion includes a plurality of fluid passageways extending therethrough, said plurality of fluid passageways comprising a strainer to at least partially strain particulate material from fluid flowing through said plurality of passageways.

- 20 6. The device as claimed in claim 1 wherein said indexing member comprises at least one outwardly extending tab positioned upon the surface of said plug portion.

7. The device as claimed in claim 1 wherein said indexing member comprises at least three outwardly extending tabs positioned upon the surface of said plug portion.
- 5 8. The device as claimed in claim 6 wherein said indexing receiver comprises at least one channel formed upon the surface of said basket portion, said channel having one enclosed end and dimensioned and configured so as to releasably receive said tab therein.
- 10 9. The device as claimed in claim 7 wherein said indexing receiver comprises at least three channels positioned upon the surface of said basket portion, said channels each having one enclosed end and dimensioned and configured so that each of said channels may releasably receive one of said tabs therein.
- 15 10. The device as claimed in claim 8 wherein said basket portion includes a leading and a trailing ramp positioned on opposite sides of said channel, when said plug portion is received within said well and in said closed position rotation of said plug portion causing said tab to engage said leading ramp and urging said tab into said channel.

11. The device as claimed in claim 9 wherein said basket portion includes a leading and a trailing ramp positioned on opposite sides of each of said channels, when said plug portion is received within said well and in said closed position rotation of said plug portion causing said tabs to engage said leading ramps and urging said tabs into said channels.

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12. The device as claimed in claim 1 wherein said indexing member comprises at least one outwardly extending tab positioned upon the surface of said basket portion.

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13. The device as claimed in claim 1 wherein said indexing member comprises at least three outwardly extending tabs positioned upon the surface of said basket portion.

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14. The device as claimed in claim 12 wherein said indexing receiver comprises at least one channel formed upon the surface of said plug portion, said channel having one enclosed end and dimensioned and configured so as to releasably secure said tab therein.

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15. The device as claimed in claim 13 wherein said indexing receiver comprises at least three channels positioned upon the surface of said plug portion, each of said channels having one enclosed end and dimensioned and configured so that each of said channels may releasably receive one of said tabs therein.

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16. The device as claimed in claim 14 wherein said plug portion includes a leading and a trailing ramp positioned on opposite sides of said channel, when said plug portion is received within said well and in said closed position rotation of said plug portion causing said tab to engage said leading ramp and urging tab into 10 said channel.

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17. The device as claimed in claim 15 wherein said plug portion includes a leading and a trailing ramp positioned on opposite sides of each of said channels, when said plug portion is received within said well and in said closed position rotation 15 of said plug position causing said tabs to engage said leading ramps and urging said tabs into said channels.

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18. The device as claimed in claim 1 wherein said basket portion and said plug portion are formed from a flexibly resilient rubber or plastic material.

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19. The device as claimed in claim 1 wherein said basket portion is configured and dimensioned to be receivable within the existing sink basket of a sink.
20. A sink basket and plug assembly comprising:
- 5 (i) a basket portion, said basket portion including a well having a side surface and a bottom, said bottom of said well having at least one fluid passageway extending therethrough, said side surface having formed thereon at least one indexing receiver in the form of a generally vertically oriented channel having an enclosed lower end; and,
- 10 (ii) a plug portion at least partially receivable within said well of said basket portion, said plug portion having an open and a closed position, when in said closed position said plug portion restricting the flow of fluids through said fluid passageway in said well, when in said open position said plug portion permitting the flow of fluids through said fluid passageway in said well, said plug portion including a side wall with at 15 least one indexing member in the form of an outwardly extending tab, when said plug portion received within said well of said basket portion said tab releasably receivable within said channel on said basket portion and maintaining said plug portion in said open position.

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21. The device as claimed in claim 20 wherein said basket portion includes at least three channels positioned about said side surface of said well and said plug portion includes at least three tabs positioned about said side surface of said plug portion, each of said channels having one enclosed end, said tabs alignable with said channels when said plug portion is releasably received within said well.
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22. The device as claimed in claim 20 wherein said side surface of said well includes a leading and a trailing ramp positioned on opposite sides of said channel, when said plug portion is in said closed position and rotated said tab engaging said leading ramp such that with continued rotation of said plug portion said engaged ramp urges said tab into said channel to place and maintain said plug portion in said open position.
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23. The device as claimed in claim 21 wherein said side surface of said well includes a leading and a trailing ramp positioned on opposite sides of each of said channels, when said plug portion is in said closed position and rotated each of said tabs engaging one of said leading ramps such that with continued rotation of said plug portion said engaged ramps urge said tabs into said channels to place and maintain said plug portion in said open position.
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24. A sink basket and plug assembly comprising:

- (i) a basket portion, said basket portion including a well having a side surface and a bottom, said bottom of said well having at least one fluid passageway extending therethrough, said side surface including at least one indexing member in the form of an outwardly extending tab; and,
- (ii) a plug portion at least partially receivable within said well of said basket portion, said plug portion having an open and a closed position, when in said closed position said plug portion restricting the flow of fluids through said fluid passageway in said well, when in said open position said plug portion permitting the flow of fluids through said fluid passageway in said well, said plug portion including a side wall having at least one indexing receiver in the form of a generally vertically oriented channel having an enclosed upper end, when said plug portion received within said well of said basket portion said tab releasably receivable within said channel on said plug portion to maintain said plug portion in said open position.

25. The device as claimed in claim 24 wherein said plug portion includes at least three channels positioned about its side surface and said basket portion includes at least three tabs positioned about said side surface of said well, said tabs

alignable with said channels when said plug portion is releasably received within
said well.

26. The device as claimed in claim 24 wherein said side surface of said plug portion
5 includes a leading and a trailing ramp positioned on opposite sides of said
channel, when said plug portion is in said closed position and rotated said
leading ramp engaging said tab such that with continued rotation of said plug
portion said leading ramp causes said plug portion to be lifted until said channel
is received over said tab with said plug portion maintained in said open position.

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27. The device as claimed in claim 25 wherein said side surface of said plug portion
includes a leading and a trailing ramp positioned on opposite sides of each of
said channels, when said plug portion is in said closed position and rotated each
of said leading ramps engaging one of said tabs such that with continued rotation
of said plug portion said leading ramps cause said plug portion to be lifted until
15 said channels are received over said tabs with said plug portion maintained in
said open position.

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28. A sink basket and plug assembly comprising:
20 (i) a basket portion, said basket portion including a well having at least one
fluid passageway extending therethrough; and,

- (ii) a plug portion at least partially receivable within said well, said plug portion having an open and a closed position, when in said closed position said plug portion restricting the passage of fluids through said fluid passageway in said well, when in said open position said plug portion permitting the flow of fluid through said fluid passageway in said well,
- at least one of said basket portion and said plug portion including an indexing receiver and the other of said basket portion and said plug portion including an indexing member releasably receivable within said indexing receiver when said plug portion is situated within said well, movement of said plug portion when said indexing member is within said indexing receiver first requiring the application of a lifting force to said plug portion to separate said indexing member from said indexing receiver.
- 15 29. The device as claimed in claim 28 wherein said plug portion is retained in said open position when said indexing member is received within said indexing receiver, movement of said plug portion from said open to said closed position requiring said plug portion to be both lifted and rotated relative to said basket portion.
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